

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
 Data File : BP025214.D
 Acq On : 22 Jul 2025 14:36
 Operator : CG/JU
 Sample : Q2639-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-44-071725

Quant Time: Jul 22 14:55:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	1059079	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	3995234	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	2394703	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	4411498	20.000	ng	0.00
76) Chrysene-d12	21.336	240	4110575	20.000	ng	0.01
86) Perylene-d12	24.460	264	4640536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	4397411	70.156	ng	0.00
7) Phenol-d6	6.643	99	5351148	68.929	ng	0.00
23) Nitrobenzene-d5	8.561	82	3362208	46.768	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	2471905	70.019	ng	0.00
45) 2-Fluorobiphenyl	12.672	172	7388231	43.496	ng	-0.01
79) Terphenyl-d14	19.660	244	8585770	41.232	ng	0.00

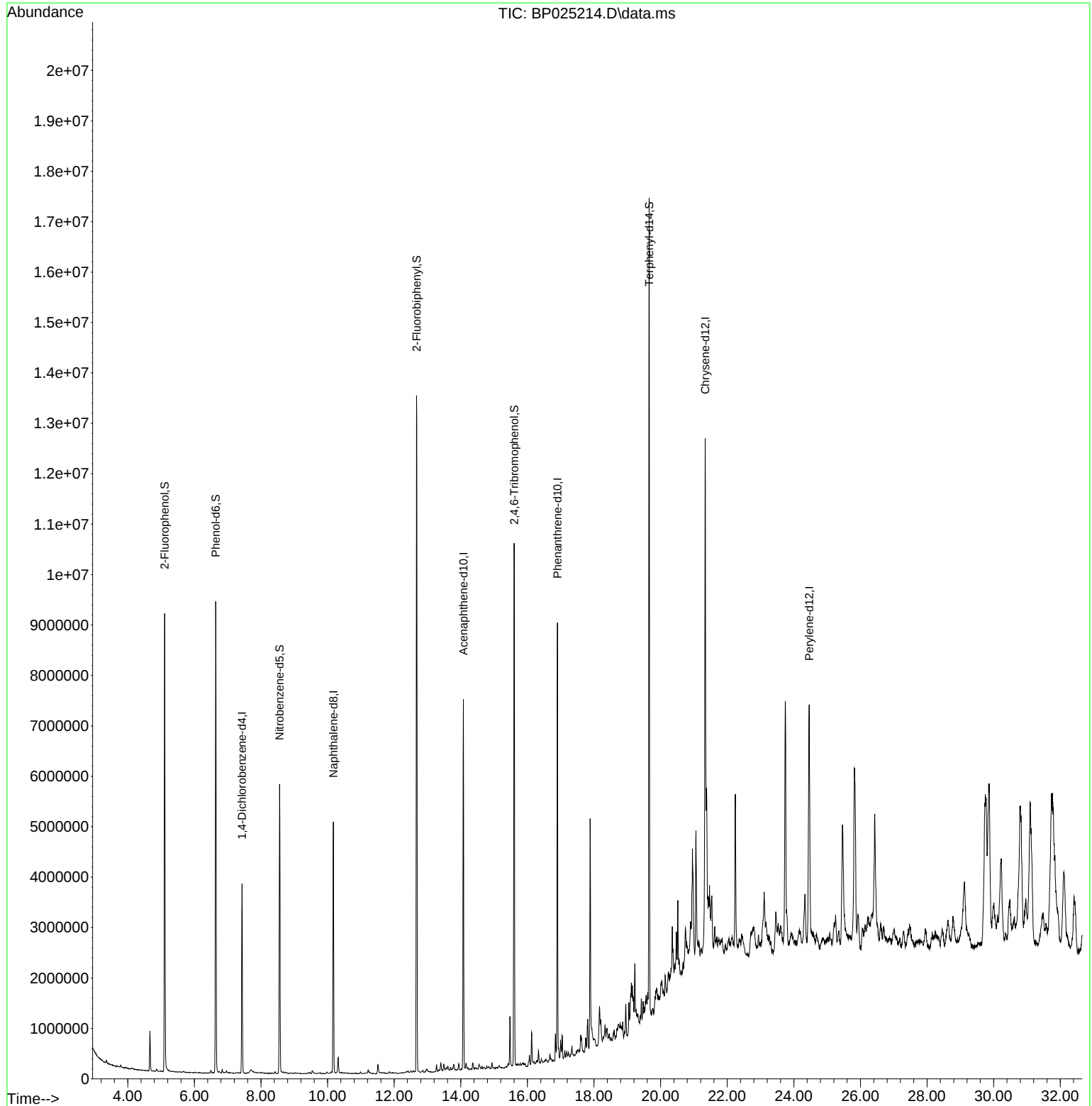
Target Compounds	Qvalue

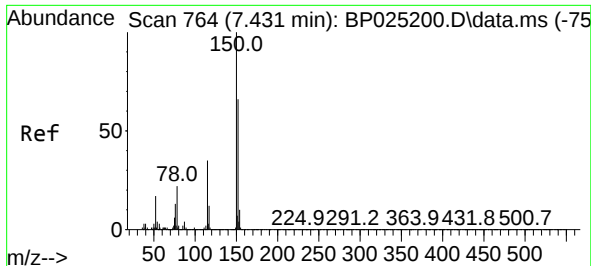
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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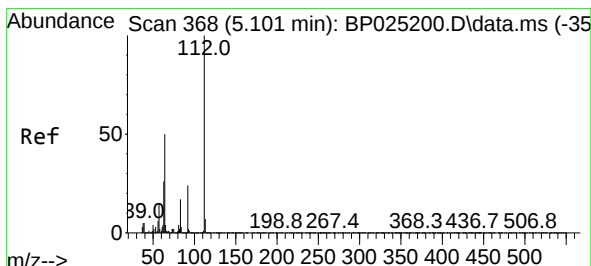
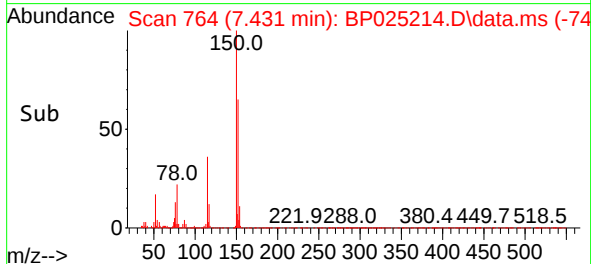
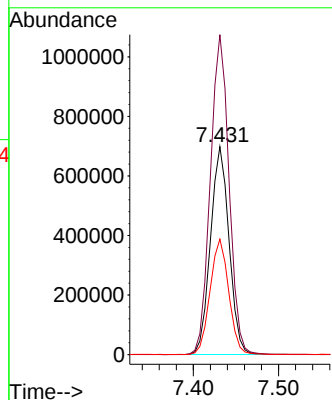
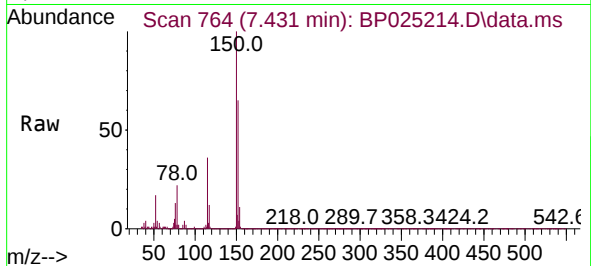




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 764
Delta R.T. 0.000 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

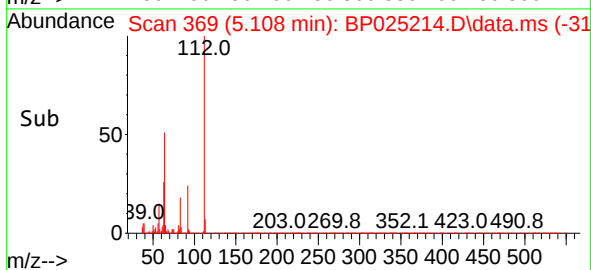
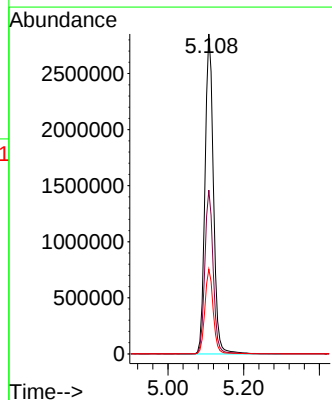
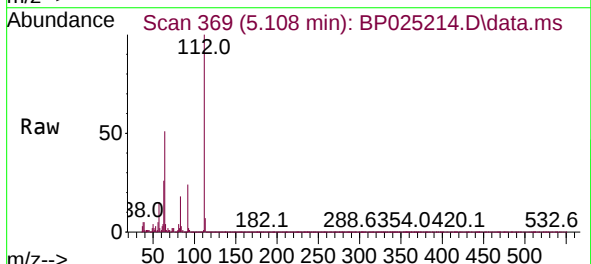
Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

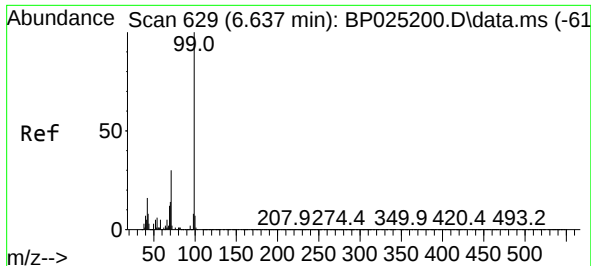
Tgt Ion:152 Resp: 1059079
Ion Ratio Lower Upper
152 100
150 154.0 121.9 182.9
115 55.5 43.0 64.6



#5
2-Fluorophenol
Concen: 70.156 ng
RT: 5.108 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

Tgt Ion:112 Resp: 4397411
Ion Ratio Lower Upper
112 100
64 51.2 39.8 59.6
63 26.5 20.5 30.7

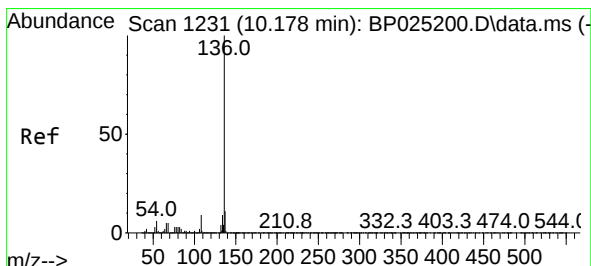
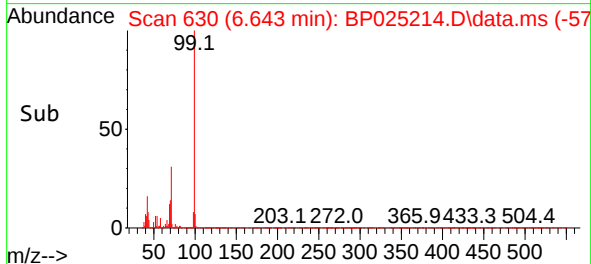
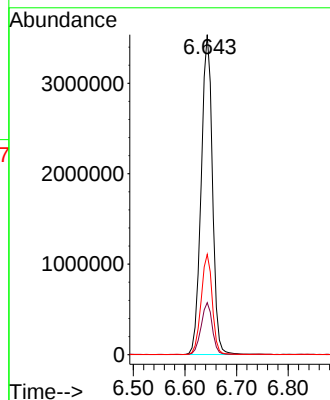
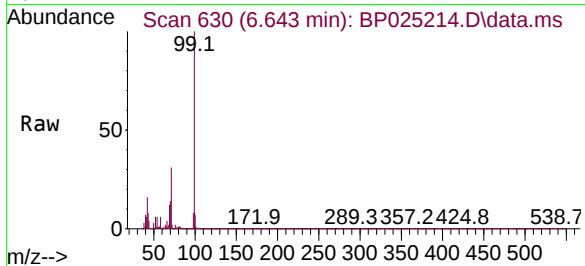




#7
Phenol-d6
Concen: 68.929 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

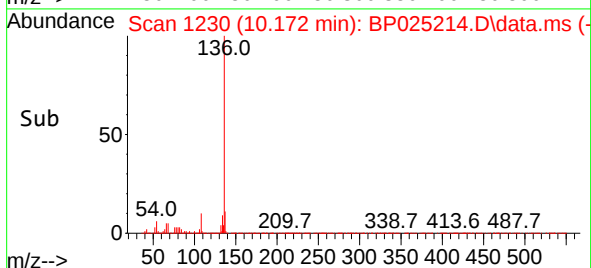
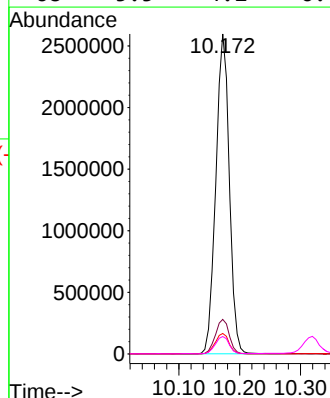
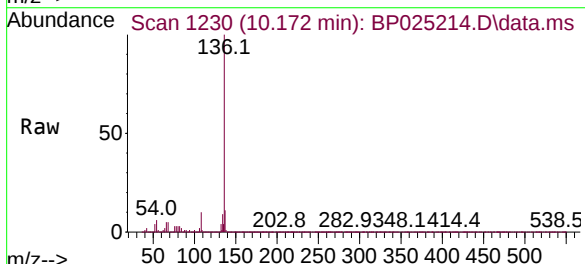
Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

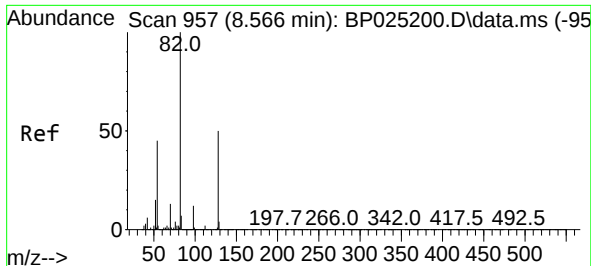
Tgt Ion: 99 Resp: 5351148
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 31.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.172 min Scan# 1230
Delta R.T. -0.005 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

Tgt Ion: 136 Resp: 3995234
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.1 7.7
68 5.5 4.2 6.4

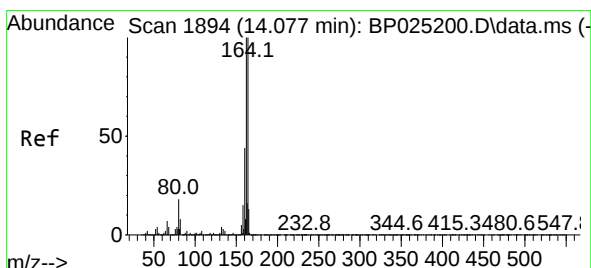
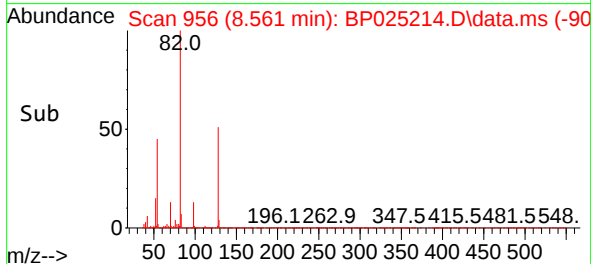
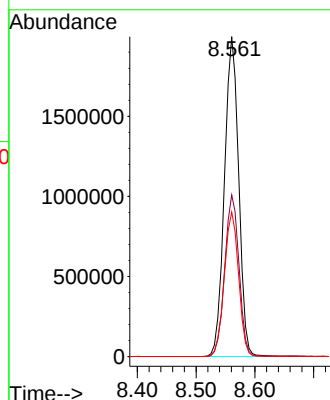
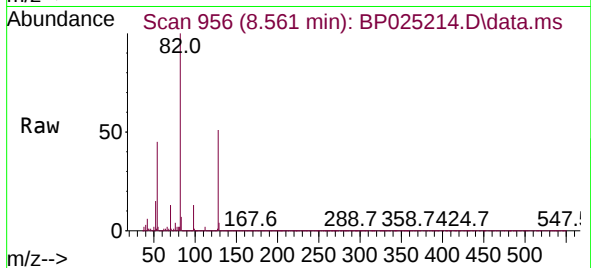




#23
Nitrobenzene-d5
Concen: 46.768 ng
RT: 8.561 min Scan# 91
Delta R.T. -0.005 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

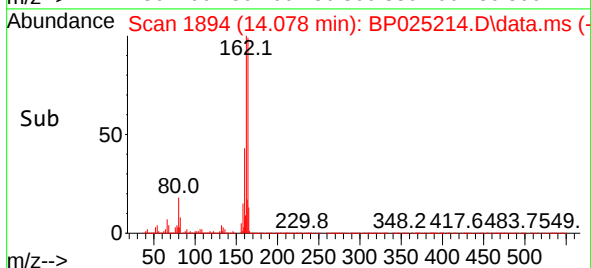
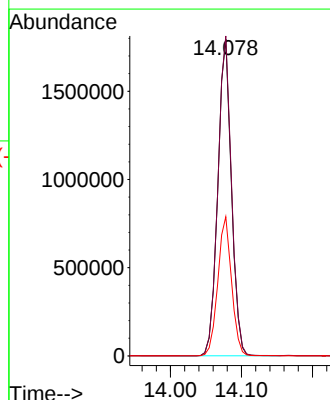
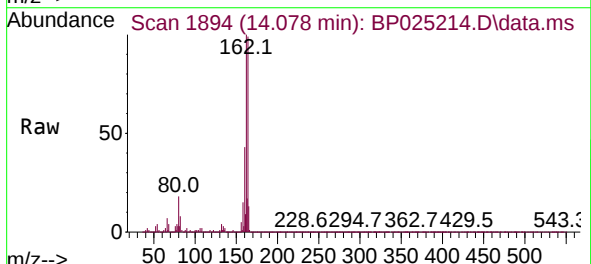
Instrument :
BNA_P
ClientSampleId :
OU4-TS-44-071725

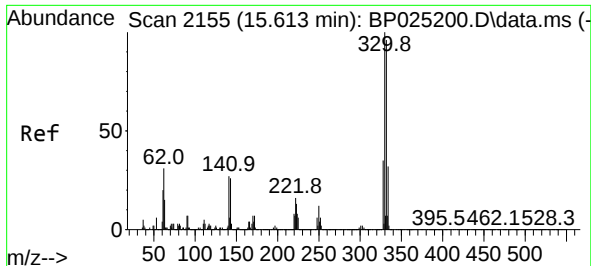
Tgt Ion: 82 Resp: 3362208
Ion Ratio Lower Upper
82 100
128 50.5 40.2 60.4
54 45.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

Tgt Ion:164 Resp: 2394703
Ion Ratio Lower Upper
164 100
162 101.0 80.3 120.5
160 43.9 35.7 53.5

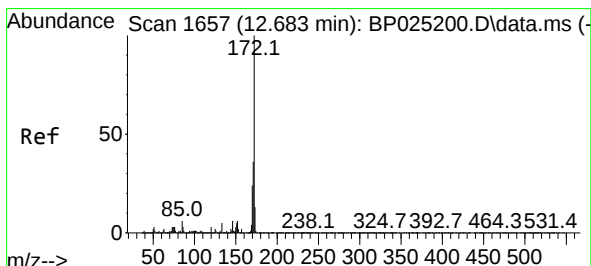
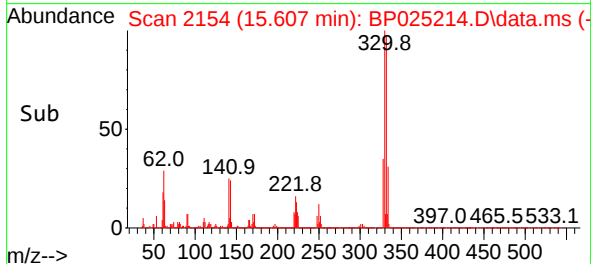
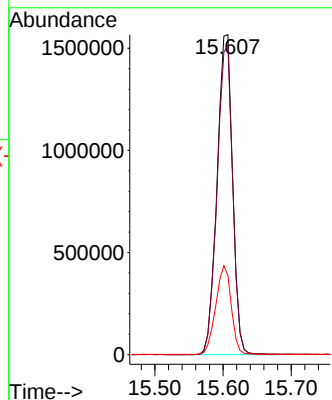
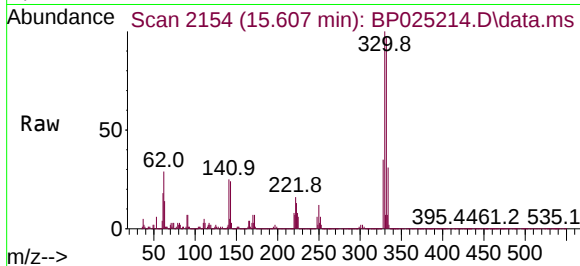




#42
2,4,6-Tribromophenol
Concen: 70.019 ng
RT: 15.607 min Scan# 2155
Delta R.T. -0.005 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

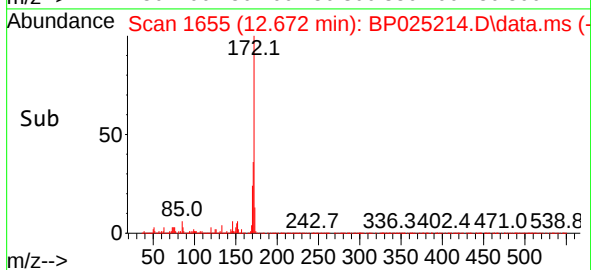
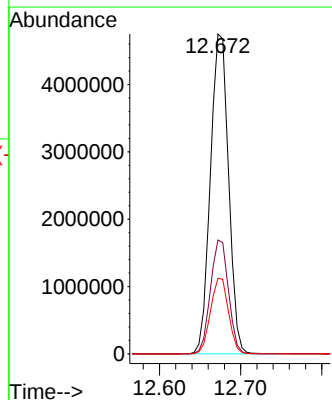
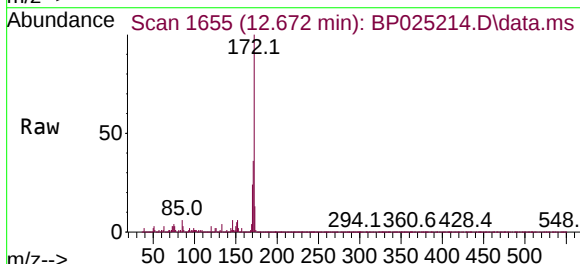
Instrument :
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ClientSampleId :
OU4-TS-44-071725

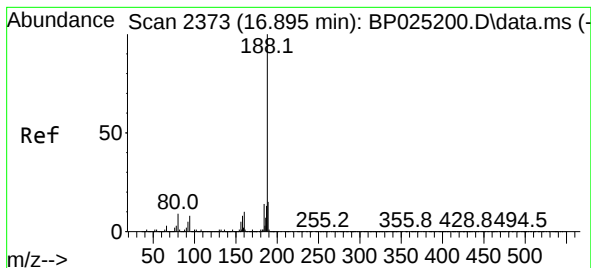
Tgt Ion:330 Resp: 2471905
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 27.5 22.4 33.6



#45
2-Fluorobiphenyl
Concen: 43.496 ng
RT: 12.672 min Scan# 1655
Delta R.T. -0.011 min
Lab File: BP025214.D
Acq: 22 Jul 2025 14:36

Tgt Ion:172 Resp: 7388231
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.6 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 2373

Delta R.T. 0.006 min

Lab File: BP025214.D

Acq: 22 Jul 2025 14:36

Instrument :

BNA_P

ClientSampleId :

OU4-TS-44-071725

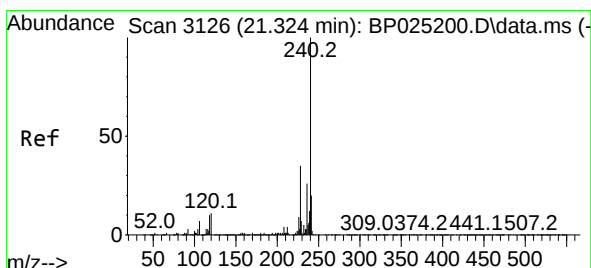
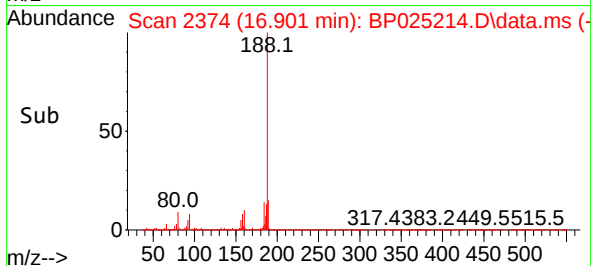
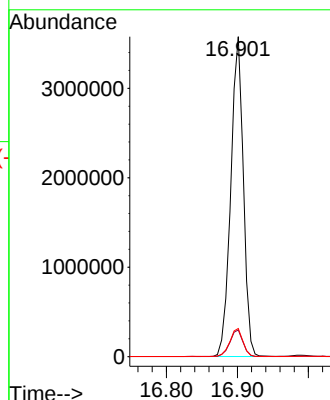
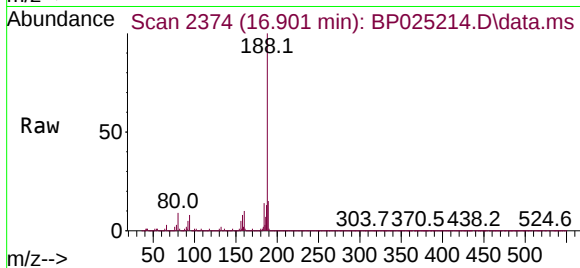
Tgt Ion:188 Resp: 4411498

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.336 min Scan# 3128

Delta R.T. 0.012 min

Lab File: BP025214.D

Acq: 22 Jul 2025 14:36

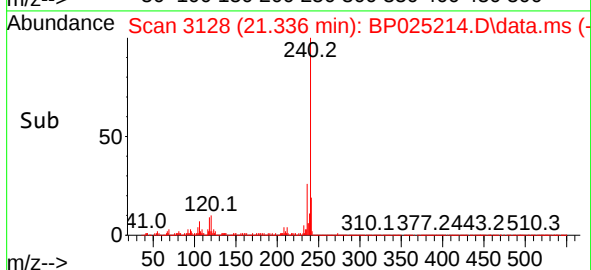
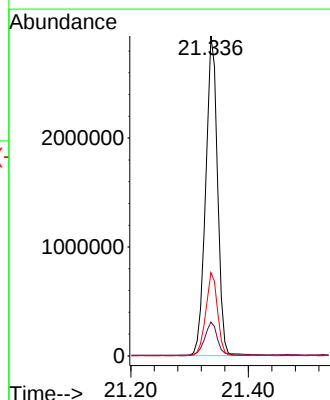
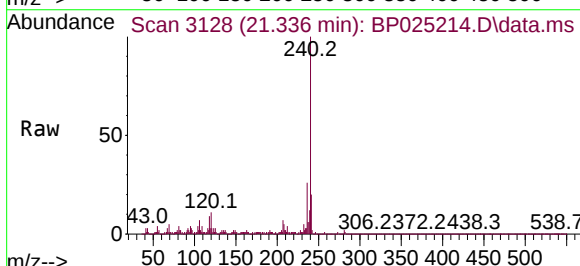
Tgt Ion:240 Resp: 4110575

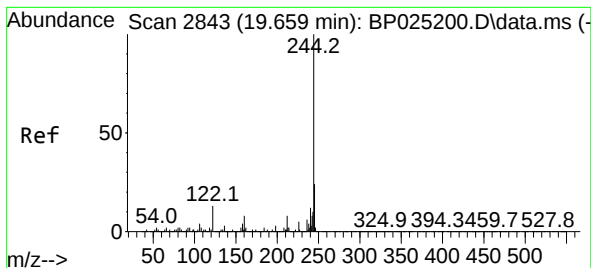
Ion Ratio Lower Upper

240 100

120 10.6 8.8 13.2

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 41.232 ng

RT: 19.660 min Scan# 2843

Delta R.T. 0.001 min

Lab File: BP025214.D

Acq: 22 Jul 2025 14:36

Instrument :

BNA_P

ClientSampleId :

OU4-TS-44-071725

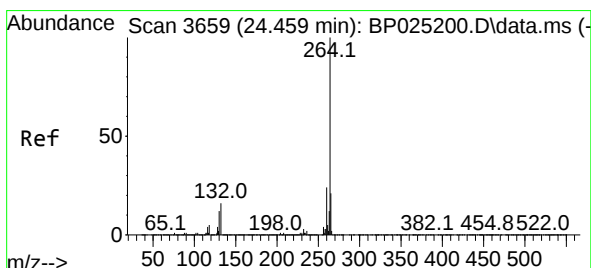
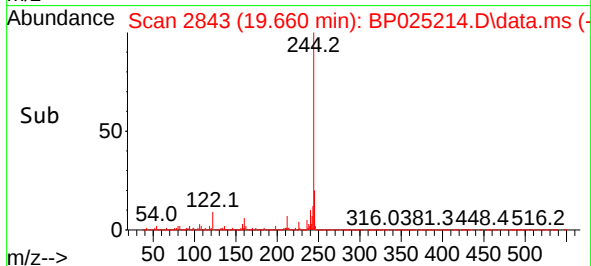
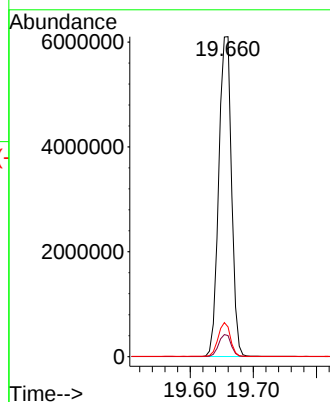
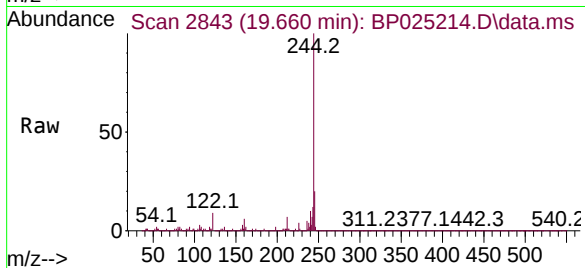
Tgt Ion:244 Resp: 8585770

Ion Ratio Lower Upper

244 100

212 6.6 6.6 9.8

122 9.3 10.3 15.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.460 min Scan# 3659

Delta R.T. 0.000 min

Lab File: BP025214.D

Acq: 22 Jul 2025 14:36

Tgt Ion:264 Resp: 4640536

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 22.4 17.5 26.3

